



California Regional Water Quality Control Board

Central Coast Region

Winston H. Hickox
Secretary for
Environmental
Protection

Internet Address: <http://www.swrcb.ca.gov/rwqcb3>
895 Aerovista Place, Suite 101, San Luis Obispo, California 93401
Phone (805) 549-3147 • FAX (805) 543-0397



Gray Davis
Governor

September 5, 2003

Mr. Richard W. McClure
Olin Corporation
Environmental Remediation Group
PO Box 248
Charleston, TN 37310-0248

Dear Mr. McClure:

SLIC: 425 TENNANT AVENUE, MORGAN HILL; EXTENDED TIER 4 SAMPLING

Regional Board staff has reviewed MACTEC's July 29, 2003 *Second Quarter 2003, Groundwater Monitoring Report* (Report) detailing field sampling activities and results of the onsite and Tier 4 offsite well sampling. On behalf of Olin, MACTEC sampled and analyzed the onsite wells, the Tennant Avenue Well, offsite MRP wells, and Tier 4 and expanded Tier 4 wells.

Sampling results show the southern lateral extent and the vertical extent of the perchlorate plume have not been determined. Several of the southernmost wells had perchlorate detections above 4 µg/L, indicating the perchlorate plume has migrated beyond these wells. Therefore Olin must identify and sample wells downgradient of these southernmost wells (during the third quarter of 2003) generally located south of Gilman or Leavesly Road between Monterey and Ferguson Roads. Sampling results of these wells must be included with the third quarter monitoring report.

If the vertical extent of the perchlorate plume is not determined by the existing network of sampling wells during the third quarter of 2003, you must submit a proposal such as the installation of multiple screened monitoring wells at strategic locations or an equivalent monitoring method, with the third quarter monitoring report.

Pursuant to Section 13267 of the California Water Code, Olin is required to include the above-described sampling results in the third quarter monitoring report due **October 30, 2003**. If the vertical extent is not delineated, Olin is required to submit a proposal with the third quarter monitoring report to determine the vertical extent of the plume. The Regional Board requires Olin Corporation to submit the monitoring reports in accordance with Section 13267 of the Water Code to determine the concentrations and movement of the perchlorate plume in the vicinity of the Olin site. We require Olin Corporation to submit the monitoring reports as the owner of the property and one of the previous operators of a flare manufacturing facility that caused soil and groundwater perchlorate contamination at and in the vicinity of the Olin site at 425 Tennant Avenue, Morgan Hill.

Any person affected by this action of the Regional Board may petition the State Water Resources Control Board (State Board) to review the action in accordance with section 13320 of the

California Environmental Protection Agency



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California Water Code and Title 23, California Code of Regulations, Section 2050. The petition must be received by the State Board within 30 days of the date of this order. Copies of the law and regulations applicable to filing petitions will be provided upon request.

If you have any questions, please contact **A. John Mijares at (805) 549-3696** or Harvey Packard at (805) 542-4639.

Sincerely,

Roger W. Briggs
Executive Officer

ajm/s/icb/cru/johnm/olin../rick mcclure extended tier4 sampling 4Sept03

cc:

Mr. Jim Ashcraft
City of Morgan Hill
17555 Peak Avenue
Morgan Hill, CA 95037

Mr. Eugene Leung
CA Dept. of Health Services
2151 Berkeley Way
Berkeley, CA 94704-1011

Mr. Rich Chandler
Komex
2146 Parker Street, Suite B-2
San Luis Obispo, CA 93401

Mr. Bobby Lu
MACTEC Engineering and Consulting
200 Citadel Drive
Los Angeles, CA 90040-1554

Mr. Peter Forest
San Martin County Water District
PO Box 1501
Morgan Hill, CA 95038

Mr. Tom Mohr
Santa Clara Valley
Water District
5750 Almaden Expressway
San Jose, CA 95118-3686

Mr. Steven L. Hoch
Hatch & Parent
11911 San Vicente Boulevard, Suite 350
Los Angeles, CA 90049

Ms. Suzanne Muzzio
Santa Clara Co. Env. Health Services
1555 Berger Drive, Suite 300
San Jose, CA 95112-2716

Mr. Eric Lacy
CA Dept. of Health Services
2151 Berkeley Way
Berkeley, CA 94704-1011

Mr. Bill O'Braitis
MACTEC Engineering and Consulting
200 Citadel Drive
Los Angeles, CA 90040-1554

Ms. Helene Leichter
City of Morgan Hill
17555 Peak Avenue
Morgan Hill, CA 95037

Mr. Keith M. Casto
Sedgwick, Detert, Moran & Arnold
One Embarcadero, 16th Floor
San Francisco, CA 94111-3628



Ms. Jennifer Soloway
State Water Resources Control Board
Office of the Chief Counsel
P. O. Box 100
Sacramento, CA 95812-0100

Mr. Joe Root, General Manager
Corde Valle
One Corde Valle Club Drive
San Martin, CA 95046

Mr. Rob Stern
7510 Kenbrook Place
Suwanee, GA 30024

